

27. The coating according to claim 25 wherein the coating is at least partially disintegrated, dispersed, denatured and combinations thereof upon contact with water.

28. The coating according to claim 25, wherein said coating comprises an elastic modulus of less than about  $10 \text{ GN.m}^{-2}$ .

29. A process of producing the coating according to claim 25, comprising the steps of:

- a. obtaining a polymeric material;
- b. chemically or physically introducing gas into said polymeric material;
- c. optionally, adding a solvent; and
- d. optionally, removing said solvent.

30. The coating according to claim 25, further comprising a matrix formed from the polymeric material comprising cells.

31. A process of producing the coating according to claim 30, comprising the steps of:

- a. forming a mixture of the polymeric material and a liquid; and
  - b. evaporating at least a portion of the liquid to form spacings in the matrix to form an inner area of cells in the matrix
- wherein step (b) is conducted under increasing pressure and temperature, followed by decreasing pressure to cause at least a portion of said liquid to evaporate.

32. The coating according to claim 25, wherein the polymeric material comprises a water-soluble polymer and/or a water-dispersible polymer.

33. The coating according to claim 25, wherein said component comprises a relative density of from about 0.05 to about 0.9.

34. The coating according to claim 25, further comprising a mixture of polymeric material and an additional ingredient selected from the group consisting of: cleaning compositions, fabric care compositions, pharmaceutical compositions, cosmetic compositions, personal care compositions and mixtures thereof.

35. The coating according to claim 34, wherein said additional ingredient is selected from the group consisting of: dyes, enzymes, perfumes, surfactants, brighteners, bleaches, bleach activators, fabric softeners, fabric conditioners, antibacterial agents, effervescing systems and mixtures thereof.

36. The coating according to claim 25, wherein said foam component comprises a stabilizer, acidic material and/or plasticiser.

37. The coating according to claim 36, wherein said plasticiser is selected from the group consisting of: glycerol, ethylene glycol, diethyleneglycol, propylene glycol, sorbitol and mixtures thereof.

38. The coating according to claim 25, wherein the polymeric material comprises a water-soluble polymer selected from the group consisting of: polyvinylalcohol, polysaccharides, polycarboxylic acids, cellulose, modified cellulose, gums, derivatives of said polymers and mixtures thereof.

39. A composition enclosed by the coating according to claim 25.

40. solid composition at least partially enclosed by the coating of claim 25.

41. A pre-dosed amount of a solid or liquid composition at least partially enclosed by the coating of claim 25.

42. The composition according to claim 41, wherein said coating is in the form of a pouch or three-dimensional coating.

43. The composition according to claim 41, in the form of a flowable composition, single granule or tablet.

44. The composition according to claim 39, being a solid or liquid cleaning composition, fabric conditioner, personal care composition or pharmaceutical composition.

45. An absorbent article comprising the composition according to claim 39.

46. A process for making the composition according to claim 39, comprising the steps of:  
a. forming a coating according to the process of claim 28; and  
b. at least partially enclosing a solid or non-aqueous composition with the coating.

47. A method of enclosing using the coating of claim 25, said method comprising the step of at least partially enclosing a solid or non-aqueous composition within said coating.

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49. A method of delivering a pre-dosed amount of a solid or non-aqueous composition using the coating of claim 25, said method comprising the steps of enclosing said predosed amount in the coating and delivering said composition to an aqueous environment.


**CONCLUSION**

Applicants have made an earnest effort to place the present claims in condition for allowance. WHEREFORE, entry of the amendments provided herewith, and allowance of Claims 25 to 49, as amended, are respectfully requested.

Respectfully submitted,

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